

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Maaranen et al.  
Serial No.: Not Yet Assigned  
Filed: Concurrently Herewith  
For: PROCESS  
Art Unit: Not Yet Assigned  
Examiner: Not Yet Assigned  
Confirmation No.: Not Yet Assigned  
Customer No.: 27623  
Attorney Docket No.: 0002429USU/3053

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

\_\_\_\_ Within three (3) months of the filing date of the national application;

**XXX** Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;

\_\_\_\_ Before the mailing date of a first Office Action on the merits;

\_\_\_\_ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

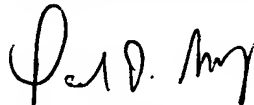
10/550237

- \_\_\_\_\_ After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- \_\_\_\_\_ After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and
- \_\_\_\_\_ After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).
- \_\_\_\_\_ Filing with RCE Under 37 CFR 1.114, thus no fee is required.

We are also enclosing copies of the non-US publications listed on the attached PTO-1449.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



September 23, 2005

Paul D. Greeley  
Reg. No. 31,019  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10th Floor  
Stamford, CT 06901-2682  
(203) 327-4500

CUSTOMER NO.: 27623

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	0002429USU/3053	Not Yet Assigned
	Applicant	
	MAARANEN et al. <b>10/550237</b>	
	Filing Date	Group Art Unit
	Concurrently Herewith	Not Yet Assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	0294942	5/12/88	European			XXX	
	0474391	8/19/91	European			XXX	
	0481480	10/17/91	European			XXX	
	WO9618662	6/20/96	WIPO			XXX	
	WO9736937	10/9/97	WIPO			XXX	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	PCT International Search Report and Written Opinion dated 11 May 2004 from International Application No. PCT/EP2004/003112
	Giannetti et al. "Homogenous Ziegler-Natta Catalysis. II Ethylene Polymerization by IVB Transition Metal Complexes/Methyl Aluminosiloxane Catalyst Systems". Journal of Polymer Science, Polymer Chemistry Edition, Vol. 23, No. 8, 1985. pp 2117-2134.
	Bruce et al. "Effect of Metal on the Stereospecificity of 2-Arylindene Catalysts for Elastomeric Polypropylene". Journal of the American Chemical Society, Vol. 119, No. 46, 1997. pp 11174-11182.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO9929737	6/17/99	WIPO			XXX	
	WO0040620	7/13/00	WIPO			XXX	
	WO02059160	8/1/02	WIPO			XXX	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

Beswick et al. "Metal-Alkyl Group Effects on the Thermodynamic Stability and Stereochemical Mobility of B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub>-Derived Zr and Hf Metallocenium Ion-Pairs". Journal of the American Chemical Society, Vol. 122, No. 42, 2000. pp 10358-10370.

Bochman et al. "Base-Free Cationic Zirconium Benzyl Complexes as Highly Active Polymerization Catalysts". Organometallics, Vol. 12, No. 3, 1993. pp 633-640.

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